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(71) Applicant: ENDOVASCULAR TECHNOLOGIES,  
INC.  
Menlo Park, California 94025-1436 (US)

(72) Inventors:

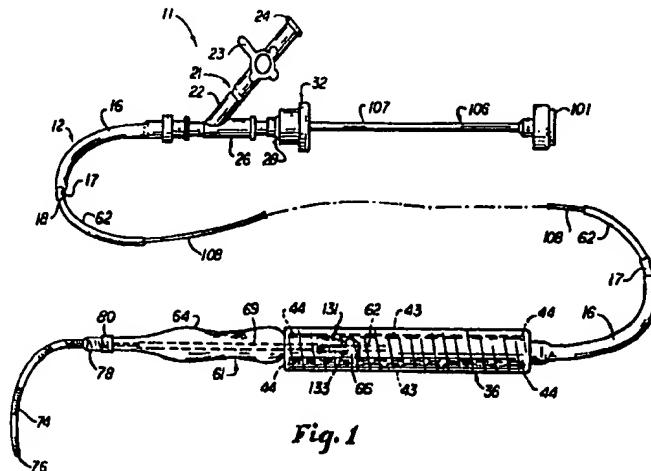
- Lazarus, Harrison M.  
Salt Lake City, Utah 84103 (US)
- Williams, Ronald G.  
Menlo Park, California 94025 (US)
- Sterman, Wesley D.  
San Francisco, California 94109 (US)
- Piplani, Alex A.  
Mountain View, California 94040 (US)

(74) Representative: Mayes, Stuart David et al  
London, EC4A 1PQ (GB)

(54) Endovascular grafting apparatus, system and method and devices for use therewith

(57) Endovascular grafting system having a capsule catheter (12) comprising a flexible elongate tubular member (16) having proximal and distal extremities and a capsule (36) mounted on the distal extremity of the tubular member (16). The capsule (36) is generally cylindrical in shape and is formed of a helical wrap of a metal ribbon (39). The wraps are bonded into a unitary capsule (36) permitting bending of said unitary capsule (36). A graft (121) is disposed within the capsule (36). The graft (121) is comprised of a tubular member (122) having

proximal (123) and distal (124) ends. Hooks (151) are secured to the proximal (123) and distal (124) ends of the tubular member (122) and face in a direction outwardly towards the inner wall (37) of the capsule (36). A push rod (96,106) is disposed within the capsule catheter (12) and engages the graft (121) whereby upon relative movement between the push rod (96,106) and the capsule catheter (12), the graft (121) can be forced out of the capsule (36).





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## EUROPEAN SEARCH REPORT

Application Number  
EP 95 11 2010

DOCUMENTS CONSIDERED TO BE RELEVANT									
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.)						
D,Y A	WO-A-89 08433 (LAZARUS) * page 8, line 4 - page 12, line 19; figures 2-4,9-11 * ---	1,4-6 10	A61F2/06 A61M25/10						
P,Y	EP-A-0 423 916 (COOK INCORPORATED) * abstract; figures 3,5-10C * ---	1,4-6							
A	US-A-4 830 003 (WOLFF) * abstract; claim 8; figure 4 * ---	3,8							
A	US-A-4 562 596 (KORNBERG) * column 3, line 60 - column 4, line 5; figures 1-3 *	6,7							
D,A	US-A-4 787 899 (LAZARUS) -----								
TECHNICAL FIELDS SEARCHED (Int.CI.)									
A61F									
<p>The present search report has been drawn up for all claims</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Place of search</td> <td style="width: 33%;">Date of completion of the search</td> <td style="width: 33%;">Examiner</td> </tr> <tr> <td>THE HAGUE</td> <td>23 November 1995</td> <td>Klein, C</td> </tr> </table>				Place of search	Date of completion of the search	Examiner	THE HAGUE	23 November 1995	Klein, C
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THE HAGUE	23 November 1995	Klein, C							
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document							
<small>X : particularly relevant if taken alone            Y : particularly relevant if combined with another            document of the same category            A : technological background            O : non-written disclosure            P : intermediate document</small>									